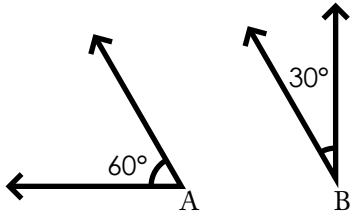


Name: _____

Complementary Angles

When the measurements of two angles are added together and the sum equals 90° , they are called **complementary angles**.

example:



$$\angle A = 60^\circ$$

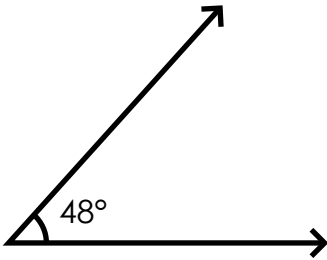
$$\angle B = 30^\circ$$

$$60^\circ + 30^\circ = 90^\circ$$

$\angle A$ and $\angle B$ are complementary angles.

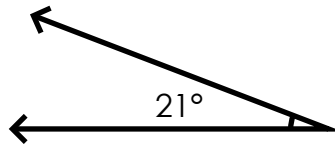
Find the complement to each angle.

a.



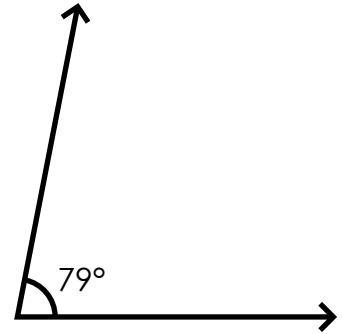
complementary angle: _____

b.



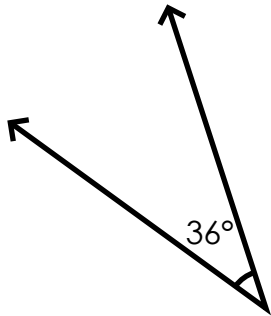
complementary angle: _____

c.



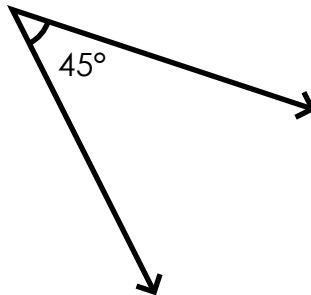
complementary angle: _____

d.



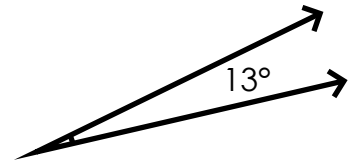
complementary angle: _____

e.



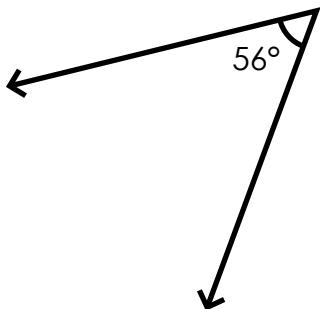
complementary angle: _____

f.



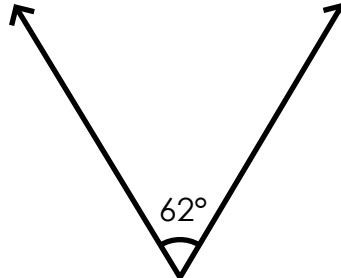
complementary angle: _____

g.



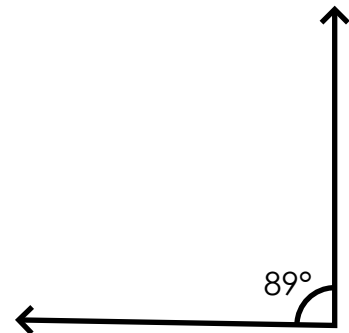
complementary angle: _____

h.



complementary angle: _____

i.



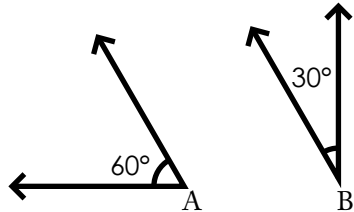
complementary angle: _____

ANSWER KEY

Complementary Angles

When the measurements of two angles are added together and the sum equals 90° , they are called **complementary angles**.

example:



$$\angle A = 60^\circ$$

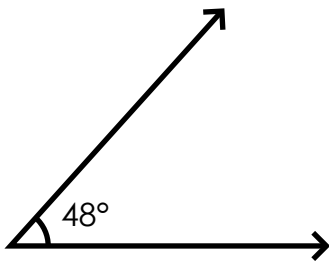
$$\angle B = 30^\circ$$

$$60^\circ + 30^\circ = 90^\circ$$

$\angle A$ and $\angle B$ are complementary angles.

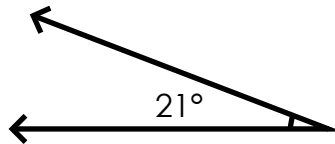
Find the complement to each angle.

a.



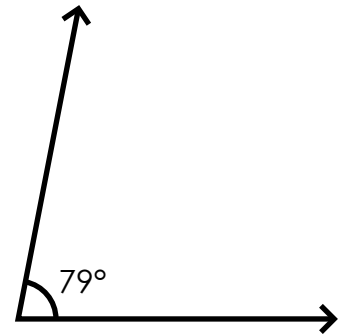
complementary angle: 42°

b.



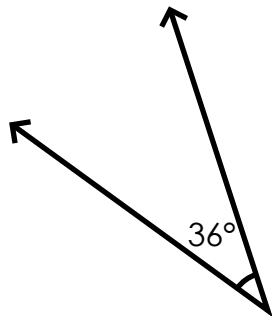
complementary angle: 69°

c.



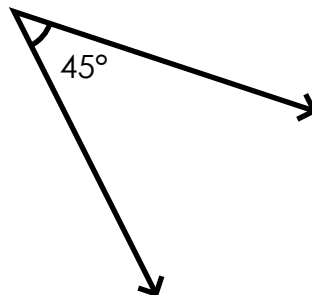
complementary angle: 11°

d.



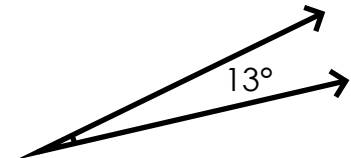
complementary angle: 54°

e.



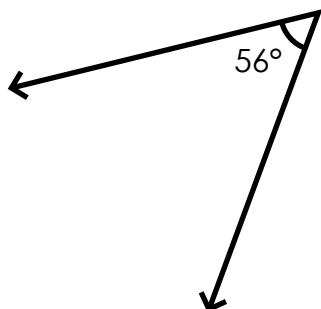
complementary angle: 45°

f.



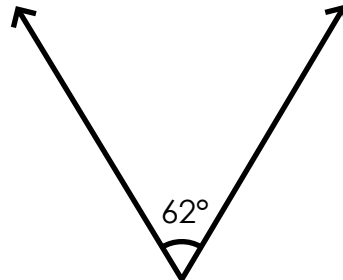
complementary angle: 77°

g.



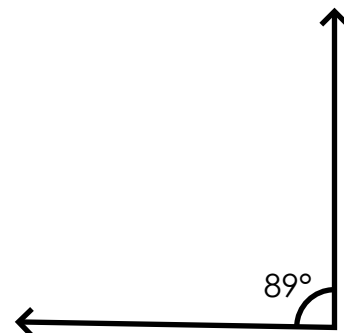
complementary angle: 34°

h.



complementary angle: 28°

i.



complementary angle: 1°